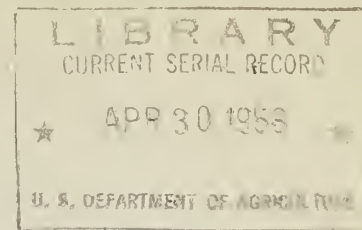


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MILK

FARM PRODUCTION,
DISPOSITION,
and INCOME

1956-57

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
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MILK: FARM PRODUCTION, DISPOSITION, AND INCOME 1956-57 1/

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SUMMARY

Milk production on farms rose to a new high of 126.4 billion pounds in 1957 despite the decline in milk cows to the smallest number on record dating back through 1924. Annual output per milk cow, however, has increased each year since 1944. Yield exceeded 5,000 pounds per cow for the first time in 1947, then passed 6,000 pounds in 1956, and reached a record rate of 6,162 pounds per cow in 1957.

Combined marketings of milk and cream totaled 113.2 billion pounds in 1957, or about 90 percent of the total milk produced on farms. Sales of whole milk accounted for 87 percent of the record high combined marketings of milk and cream. The increase in milk sold wholesale more than offset decreases in milk sold as farm-skimmed cream and sales of milk and cream retailed by producers direct to consumers. Uses on farms where the milk was produced represented 10 percent of the total milk produced, as the quantity used on farms as fluid milk or cream, farm-churned butter, and milk fed to calves decreased 7 percent from 1956. Record low farm-churned butter accounted for 8 percent of the total butter production in the country. Marketings of milk and cream in 1957 brought farmers an average return of \$4.10 per hundredweight -- up 8 cents per hundredweight from the previous year and the highest average price since 1953.

Cash receipts from the combined marketings of milk and cream by farmers in 1957 totaled \$4,643 million, 4 percent more than in the previous year. Farmers realized \$4,143 million from sales of milk and cream to plants and dealers, \$268 million from sales of farm-skimmed cream, and \$231 million from retail sales of milk and cream by farmers directly to consumers. Milk used on farms where produced for fluid consumption and farm-churned butter was valued at \$461 million. Gross farm income was \$5,103 million. All milk produced in 1957, which included the milk fed to calves, was valued at \$5,221 million.

In 1957, the utilization of milk produced on farms continued about evenly divided between fluid and manufacturing uses. Creamery butter accounted for 23 percent of the total milk supply; cheese, 11 percent; and other manufactured dairy products and farm-churned butter, 15 percent. Fluid consumption accounted for 48 percent and miscellaneous uses, which included milk fed to calves, 3 percent.

1/ This report was prepared by Roy Potas and Charles W. LeGrande, Agricultural Statisticians, under the direction of I. E. Wissinger, Chief, Dairy Statistics Branch, Agricultural Estimates Division, Agricultural Marketing Service.

MILK PRODUCTION, DISPOSITION, AND INCOME, 1957

Milk cows on farms produced 126,381 million pounds of milk in 1957 -- a record high annual production that was 907 million pounds above the 125,474 million pounds produced in 1956. The large milk production in 1957 was the result of a record high milk flow per cow, since numbers of milk cows declined considerably from the previous year. Production of milk was equal to 738 pounds for each person in the United States. This was the lowest since records were started in 1924, except for 1952 when it was 730 pounds. Although milk production is the highest of record, the upward trend has not kept pace with the increase in population.

The average number of cows milked during 1957 in the United States totaled 20,510 thousand head. This was a decrease of 2 percent from the year before and the smallest number on record dating back through 1924. The number of milk cows was less than in 1956 in all regions except the South Atlantic. Milk produced per cow in the entire country in 1957 averaged 6,162 pounds, or 235 pounds of milkfat. This record annual yield per milk cow exceeded the previous high reported in 1956 by 158 pounds of milk, or nearly 3 percent. Output per cow has increased each year since 1944, and exceeded 5,000 pounds per cow for the first time in 1947 and 6,000 pounds per cow in 1956.

In 1957, milk production continued the trend towards heavier output in the off-season months. Increased late summer and fall freshening of milk cows and heavier feeding of grain and concentrates during the winter feeding season have contributed to the leveling off of the usual seasonal pattern. Milk production increased from 1956 in all sections of the country except the North Atlantic. Total production was up from 1956 in 27 States. Wisconsin led in total production in 1957 with 17.4 billion pounds of milk, followed by New York with 9.7 billion pounds, and Minnesota with 9.6 billion pounds.

Butter churned on farms totaled about 137 million pounds in 1957, and accounted for 8 percent of the combined total production of creamery and farm-churned butter. Volume of farm butter decreased 8 percent from the earlier low set in 1956. Production was concentrated mainly in the Southern States where many farmers have only a few milk cows kept primarily to provide milk and milk products for home use. North Carolina led all States with 13.5 million pounds of farm-churned butter in 1957, followed by Alabama with 13.0 million; Mississippi, 10.4 million; Tennessee, 10.1 million; and Georgia, 10.0 million pounds.

Farmers marketed a total of 113.2 billion pounds of milk in the form of milk and cream in 1957. This was nearly 2 billion pounds of milk or 2 percent more than the previous record sold from farms in 1956. A total of 98.6 billion pounds of milk was sold by farmers to plants and dealers in 1957 for resale as fluid milk or for processing into manufactured dairy products. This was over 3 percent more than marketed in the previous year. The quantity of whole milk sold by farmers increased in three-fourths of the States, as sales exceeded those of 1956 in all sections of the country except the North Atlantic. Whole milk sales from farms showed gains of more than a quarter billion pounds from 1956 in Wisconsin, Minnesota, Iowa, and California. Whole milk sold in 1957 declined considerably from the previous year in New York. Wisconsin led all States in sales of whole milk to plants and dealers with 16.4 billion pounds. Farmers in New York sold 9.0 billion pounds, followed by Minnesota with 7.6 billion; California, 6.8 billion; and Pennsylvania, 5.8 billion pounds.

Cream sales decrease

Milk separated on farms and marketed as cream to plants and dealers accounted for 12.2 billion pounds of milk in 1957. This was 9 percent less than the previous record low sales of milk as farm-skimmed cream reported in 1956. Farm-skimmed cream sales

decreased most in 1957 in the Central States. Farmers in the North Central States, where 86 percent of the farm-skimmed cream in the entire country was marketed, sold 9 percent less cream than in 1956. In regions other than the North Central, milk sold as farm-skimmed cream in 1957 decreased 4 percent in the South Atlantic, 6 percent in the North Atlantic, 7 percent in the West, and 11 percent in the South Central. Iowa was the leading cream-selling State in 1957 with 3.0 billion pounds of milk sold in the form of cream -- down 7 percent from the previous year. Minnesota was second with 1.5 billion pounds of milk sold as cream. This was 24 percent less than in 1956. North Dakota and Nebraska were next, each with 1.4 billion pounds of milk skimmed and sold as cream.

Farmers retailed a total of 2,326 million pounds of milk directly to consumers as milk and cream in 1957 -- down 4 percent from the year before and the smallest volume on record. Retail sales decreased most rapidly from the previous year in the central part of the Country. Sales of milk and cream by farmers direct to consumers increased in the West, due primarily to higher retail sales in California.

Further decreases in farm uses

Milk used on farms where produced totaled 13,191 million pounds. This was a decrease of 7 percent from 1956 and a record low for farm uses. Milk used on farms accounted for over 10 percent of the total milk produced in 1957 compared with over 11 percent in the previous year. In 1957, total farm uses consisted of 7,504 million pounds of milk consumed as fluid milk or cream on farms where produced, 2,719 million pounds of milk used in farm-churned butter, and 2,968 million pounds fed to calves.

Income from marketings reach record high

Farmers' cash receipts from marketings of milk and cream totaled \$4,643 million in 1957 -- an increase of nearly 4 percent from the previous year and the highest cash return on record. Cash receipts include income from the sale of whole milk and farm-skimmed cream by farmers to plants and dealers and retail sales of milk and cream by farmers direct to consumers. Cash income from sales of milk and cream was up from 1956 in all regions, ranging from 7 percent in the South Atlantic to 2 percent in both the East North Central and South Central. Increases in other regions were 6 percent in the West, 5 percent in the North Atlantic, and 3 percent in the West North Central. Cash returns from milk and cream marketings in 1957 were up in 40 States, compared with 1956. Wisconsin had the largest cash receipts from sales with \$556 million, followed by New York with \$427 million; California, \$356 million; Pennsylvania, \$296 million; and Minnesota, \$280 million.

A total of \$4,143 million was received by farmers in 1957 from sales of whole milk to plants and dealers. This was 5 percent more than the previous high set a year earlier. Cash income from the sales of whole milk in 1957 accounted for 89 percent of the total cash received by farmers from all dairy products sold. Whole milk sold to plants and dealers brought farmers an average price of \$4.20 per hundredweight -- up 1 percent from 1956 and the highest price since 1953. The increase in price from the previous year was the result of higher prices in the Atlantic regions and the West. Compared with 1956, values per hundredweight of whole milk sold were up 7 percent in the North Atlantic and 2 percent in both the South Atlantic and West, but were down 1 percent in the South Central region. The North Central States showed little or no change.

Cash returns from cream decline further

Marketings of farm-skimmed cream declined further in 1957, and the price per pound of fat decreased slightly. Cash returns to farmers for marketings of cream to plants and dealers totaled \$268 million -- down more than 9 percent from 1956 and the lowest since 1933. The average price received by farmers per pound of fat in cream was 59.2 cents -- slightly less than in 1956, but more than in the preceding 2

years. Cash receipts from farm-skimmed cream sales decreased from 1956 in all regions, especially in the central part of the country. Among the States, cash returns from cream sold by farmers totaled \$71 million in Iowa, followed by Minnesota with \$35 million, North Dakota with \$30 million, and Nebraska with \$29 million.

The cash returns from whole milk and cream retailed by farmers directly to consumers was estimated at \$231 million. This was 3 percent less than the previous low reported in 1956. Cash receipts from dairy products retailed by farmers in 1957 decreased most from the previous year in central sections. Value of retail sales decreased from 1956 in all regions except the West, where cash returns from milk and cream retailed by farmers showed an increase due to heavier sales in California. Farmers in that State retailed \$53.1 million of milk in 1957. Other leading States included New York with \$14.4 million, Texas with \$9.0 million, and Massachusetts with \$8.6 million.

Higher prices for milk and milkfat

Farmers realized an average return of \$4.10 per hundredweight of milk or \$1.08 per pound of milkfat for all milk and cream marketed in 1957. This was 8 cents per hundredweight of milk or 3 cents per pound of milkfat above the previous year. Unit values for milk and milkfat were the highest since 1953. The returns per hundredweight of milk sold by farmers in 1957 ranged from \$7.04 in Florida where most of the milk was sold as fluid to \$2.44 in North Dakota where much of the milk produced was sold as farm-skimmed cream. The annual average price exceeded \$6.00 per hundredweight in Florida, Georgia, New Hampshire, Massachusetts, Rhode Island, and Connecticut.

The value of milk used on farms where produced for fluid consumption and farm-churned butter totaled \$461 million -- 7 percent less than in 1956 and the lowest since 1942. The value of milk used on farms was less than the previous year in all regions, with sharper decreases occurring in the central section of the country. Southern States that led in value of milk used on farms in 1957 were North Carolina with \$37 million; Alabama and Texas, \$30 million; Georgia, \$26 million; and Tennessee and Mississippi, \$23 million.

Income from milk highest since 1952

In 1957, gross farm income from dairy products amounted to \$5,103 million. This included the value of milk used on farms where produced as fluid milk and cream and farm-churned butter, and the cash receipts from the marketings of milk and cream sold by farmers to plants and dealers. Gross farm income from milk in 1957 was nearly 3 percent above the previous year and the highest since 1952. The farm value of milk produced, which included the value of milk fed to calves on farms as well as gross income, totaled \$5,221 million for the United States. This exceeded the 1956 farm value of milk by more than 2 percent and, like gross farm income, was the largest since 1952. Wisconsin ranked first in farm value of milk produced with \$589 million, followed by New York with \$447 million; California, \$370 million; Pennsylvania, \$319 million; and Minnesota, \$294 million.

UTILIZATION OF MILK

Utilization of milk produced in 1957 continued about evenly divided between fluid and manufacturing uses. Manufactured products used over 49 percent of total milk production, as 47 percent went into factory products and 2 percent was used in farm-churned butter. Consumption of fluid milk and cream by nonfarm population accounted for about 41 percent of the total production, while consumption of milk and cream on farms used 7 percent. Milk fed to calves on farms and other miscellaneous uses made up 3 percent.

Among the factory products, creamery butter used the fat from 29.9 billion pounds of milk in 1957 and continued as the major outlet for milk going into manufactured purposes. Of the milk used in creamery butter, 1.0 billion pounds of the total was made from whey fat recovered from milk previously used in the manufacture of cheese. The net 28.9 billion pounds of milk used directly in creamery butter accounted for 22.9 percent of the total milk supply. The second ranking manufactured dairy product was cheese, which utilized 13.9 billion pounds of milk, or 11.0 percent of the total milk production. About 10.3 billion pounds of milk was used in American cheese and 3.7 billion pounds in other cheese. A total of 5.2 billion pounds was processed into evaporated milk, nearly 1.0 billion pounds into condensed milk and 0.7 billion pounds into dry whole milk. Evaporated, condensed, and dry whole milk accounted for 5.5 percent of the total production. A total of about 10.1 billion pounds of milk was utilized in frozen dairy products, primarily ice cream. A net of approximately 8.5 billion pounds of milk, or 6.7 percent of the total milk produced, was used directly from milk and cream in making frozen products while the remaining 1.5 billion pounds came from condensed milk and creamery butter. Other minor miscellaneous factory products utilized 1.3 billion pounds of milk, or 1.0 percent of the total milk supply.

The utilization of the Nation's milk supply continued to show definite trends for certain uses, particularly nonfarm fluid consumption and the various farm uses. The proportion of milk produced on farms going into nonfarm fluid consumption has continued to edge up each year since 1953, and accounted for the utilization of about 41 percent of the total production in 1957. This was 1 percentage point above the previous year and 4 points above the 1946-55 average proportion used as fluid by the nonfarm population. The volume of milk channeled into different farm uses -- fluid consumption on farms, farm-churned butter, and milk fed to calves -- has declined steadily for several year and in 1957 made up only about 12 percent of the total milk supply. This was 1 percentage point less than in 1956 and about 5 points less than the 10-year average proportion used on farms. The volume of milk processed into

(Continued on page 20)

Table 1.-Percentage utilization of milk produced, United States,
average 1946-55, annual 1955-57 ^{1/}

[Percent]

Utilization	Average 1946-55	1955	1956	1957 ^{2/}
Creamery butter, net.....	22.3	22.7	22.8	22.9
Cheese.....	10.3	11.0	10.9	11.0
Evaporated, condensed, and dry whole milk....	6.7	5.8	5.8	5.5
Frozen dairy products, net.....	6.3	6.7	6.7	6.7
Other manufactured products.....	.7	.9	1.0	1.0
Total factory products.....	46.3	47.1	47.2	47.1
Farm butter.....	4.1	2.7	2.4	2.2
Fluid consumption:				
Farm.....	9.6	8.1	7.9	7.2
Nonfarm.....	36.4	39.1	39.6	40.5
Fed to calves.....	2.8	2.7	2.5	2.3
Other uses.....	.8	.3	.4	.7

^{1/} For data on quantities of milk see table 15.

^{2/} Preliminary.

Table 2.-Milk cows and production of milk, milkfat, and butter on farms, United States, 1940-57

Year	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percent- age of fat in milk	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
1940.....	23,671	4,622	183	3.97	109,412	4,343	402,690
1941.....	24,288	4,738	188	3.97	115,088	4,571	395,476
1942.....	25,027	4,736	188	3.97	118,533	4,704	366,370
1943.....	25,451	4,598	183	3.97	117,017	4,651	341,620
1944.....	25,597	4,572	182	3.98	117,023	4,657	329,848
1945.....	25,033	4,787	190	3.98	119,828	4,764	335,690
1946.....	24,089	4,886	194	3.97	117,697	4,677	330,650
1947.....	23,329	5,007	199	3.97	116,814	4,639	311,050
1948.....	22,336	5,044	200	3.97	112,671	4,478	293,290
1949.....	22,024	5,272	209	3.96	116,103	4,595	275,780
1950.....	21,944	5,314	210	3.96	116,602	4,618	261,520
1951.....	21,505	5,333	210	3.93	114,681	4,509	240,380
1952.....	21,338	5,374	210	3.90	114,671	4,476	213,520
1953.....	21,691	5,542	215	3.87	120,221	4,655	194,770
1954.....	21,581	5,657	219	3.86	122,094	4,717	178,990
1955.....	21,193	5,810	224	3.85	123,128	4,742	166,270
1956.....	20,900	6,004	230	3.83	125,474	4,803	148,910
1957 3/.....	20,510	6,162	235	3.81	126,381	4,812	136,570

1/ Average number on farms during year excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Preliminary.

Table 3.-Milk used and marketed by farmers, United States, 1940-57

[In millions of pounds]

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailer by farmers as milk and cream 1/	Total
					As whole milk	As farm-skimmed cream		
1940.....	2,994	12,063	8,129	23,186	47,152	32,965	6,109	86,226
1941.....	3,124	12,020	7,967	23,111	52,062	33,967	5,948	91,977
1942.....	3,294	11,856	7,365	22,515	59,076	31,080	5,862	96,018
1943.....	3,276	11,615	6,860	21,751	59,656	29,871	5,739	95,266
1944.....	3,258	11,688	6,621	21,567	63,680	26,026	5,750	95,456
1945.....	3,290	11,451	6,714	21,455	68,929	23,868	5,576	98,373
1946.....	3,228	11,562	6,557	21,347	69,619	21,379	5,352	96,350
1947.....	3,194	11,048	6,154	20,396	70,559	20,952	4,907	96,418
1948.....	3,064	10,505	5,808	19,377	69,010	19,712	4,572	93,294
1949.....	3,163	10,027	5,440	18,630	73,290	19,949	4,234	97,473
1950.....	3,286	9,808	5,160	18,254	74,205	20,208	3,935	98,348
1951.....	3,449	9,738	4,746	17,933	74,480	18,530	3,738	96,748
1952.....	3,348	9,436	4,215	16,999	77,301	16,853	3,518	97,672
1953.....	3,334	8,902	3,876	16,112	84,567	16,334	3,208	104,109
1954.....	3,344	8,474	3,562	15,380	87,874	15,910	2,930	106,714
1955.....	3,291	8,234	3,310	14,835	90,801	14,815	2,677	108,293
1956.....	3,166	8,077	2,963	14,206	95,362	13,478	2,428	111,268
1957 2/.....	2,968	7,504	2,719	13,191	98,628	12,236	2,326	113,190

1/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

2/ Preliminary.

Table 4.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, United States, 1940-57

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity butterfat	Price per pound fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
1940.....	47,152	1.82	858,445	1,247,130	28.0	349,733	2,845	10.3	294,317
1941.....	52,062	2.19	1,140,628	1,281,890	34.2	439,769	2,768	10.8	298,754
1942.....	59,076	2.58	1,521,246	1,173,950	39.6	464,975	2,728	11.8	322,015
1943.....	59,656	3.12	1,859,540	1,127,200	49.9	562,028	2,669	12.7	340,266
1944.....	63,680	3.21	2,044,059	983,370	50.3	494,795	2,676	13.2	353,802
1945.....	68,929	3.19	2,195,915	903,020	50.3	453,942	2,595	13.4	347,408
1946.....	69,619	3.99	2,780,034	806,070	64.3	518,133	2,493	15.2	379,580
1947.....	70,559	4.27	3,014,759	791,730	71.8	568,620	2,285	17.5	399,022
1948.....	69,010	4.88	3,364,385	744,220	79.9	594,475	2,130	18.8	401,291
1949.....	73,290	3.95	2,895,535	752,830	61.6	463,965	1,971	18.6	365,717
1950.....	74,205	3.89	2,886,496	762,030	62.0	472,226	1,832	18.5	339,372
1951.....	74,480	4.58	3,412,603	696,930	71.2	496,096	1,736	19.9	345,799
1952.....	77,301	4.85	3,752,084	632,900	75.0	474,797	1,638	20.8	340,241
1953.....	84,567	4.32	3,650,749	605,520	66.5	402,826	1,496	20.9	312,255
1954.....	87,874	3.97	3,487,085	589,700	58.7	346,355	1,365	20.6	280,666
1955.....	90,801	4.00	3,636,288	548,750	57.7	316,728	1,248	20.7	258,902
1956.....	95,362	4.14	3,945,277	498,690	59.4	295,978	1,131	21.0	237,236
1957 1/.....	98,628	4.20	4,143,429	452,810	59.2	268,247	1,084	21.3	230,997

1/ Preliminary.

Table 5.-Farm marketings, income, and value of dairy products, United States, 1940-57

Year	Combined marketings of milk and cream 1/				Used for milk, cream and butter on farms where produced 3/		Gross farm income from dairy products 5/	Farm value of milk produced 6/
	Milk utilized	Average returns 2/		Cash receipts from marketings	Milk utilized	Value 4/		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
1940.....	87,667	1.74	.44	1,521,352	18,751	358,885	1,880,237	1,930,935
1941.....	93,357	2.04	.51	1,899,836	18,607	404,088	2,303,924	2,364,931
1942.....	97,256	2.40	.60	2,329,751	17,983	459,952	2,789,703	2,867,340
1943.....	96,349	2.89	.73	2,785,193	17,392	543,723	3,328,916	3,464,864
1944.....	96,493	3.02	.76	2,915,119	17,272	556,697	3,471,816	3,567,852
1945.....	99,442	3.04	.76	3,021,266	17,096	554,095	3,575,361	3,673,034
1946.....	97,421	3.81	.96	3,708,992	17,048	683,667	4,392,659	4,512,653
1947.....	97,365	4.12	1.04	4,012,554	16,255	725,608	4,738,162	4,866,495
1948.....	94,165	4.66	1.17	4,389,357	15,442	766,101	5,155,458	5,295,194
1949.....	98,263	3.81	.96	3,748,325	14,677	621,225	4,369,550	4,488,255
1950.....	99,066	3.75	.95	3,718,685	14,250	593,644	4,312,329	4,431,995
1951.....	96,748	4.40	1.12	4,254,498	14,484	707,064	4,961,562	5,108,110
1952.....	97,672	4.68	1.20	4,567,122	13,651	706,473	5,273,595	5,425,543
1953.....	104,109	4.19	1.08	4,365,830	12,778	599,755	4,965,585	5,101,819
1954.....	106,714	3.86	1.00	4,114,106	12,036	518,103	4,632,209	4,757,279
1955.....	108,293	3.89	1.01	4,211,918	11,544	503,894	4,715,812	4,838,615
1956.....	111,268	4.02	1.05	4,478,491	11,040	494,245	4,972,736	5,096,093
1957 7/.....	113,190	4.10	1.08	4,642,673	10,223	460,606	5,103,279	5,221,133

1/ For 1950 and earlier years includes also farm-churned butter sold. In 1950 receipts from farm-churned butter totaled 20,591 thousand dollars, about one-half of 1 percent of cash receipts from combined sales of milk, cream, and farm butter. Data on receipts from farm butter sold 1940-50 are included in table 3 of "Farm Production, Disposition, and Income From Milk, 1950-51".

2/ Cash receipts divided by milk or milkfat represented in combined marketings.

3/ For 1950 and earlier years excludes milk equivalent of farm butter sold.

4/ Computed at average returns per 100 pounds for milk in products marketed.

5/ Cash receipts from marketings of milk and cream plus value of milk used for farm consumption and farm butter churned.

6/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

7/ Preliminary.

Table 6.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1957 ^{1/}

State and division	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in milk	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me.	108	6,410	260	4.05	692	28	1,900
N. H.	58	6,380	246	3.85	370	14	310
Vt.	276	6,400	256	4.00	1,766	71	270
Mass.	107	7,400	281	3.80	792	30	131
R. I.	16	7,970	307	3.85	128	5	9
Conn.	102	7,250	272	3.75	740	28	150
N. Y.	1,315	7,350	265	3.60	9,665	348	1,000
N. J.	142	7,950	298	3.75	1,129	42	120
Pa.	942	6,860	261	3.80	6,462	246	2,400
N. Atl.	3,066	7,092	265	3.73	21,744	812	6,290
Ohio.....	830	6,780	261	3.85	5,627	217	2,100
Ind.	549	7,010	277	3.95	3,848	152	1,000
Ill.	758	6,970	261	3.75	5,283	198	1,550
Mich.	781	6,960	261	3.75	5,436	204	1,250
Wis.	2,279	7,640	279	3.65	17,412	636	380
E. N. Cent.	5,197	7,236	271	3.74	37,606	1,407	6,280
Minn.	1,390	6,900	245	3.55	9,591	340	580
Iowa.....	992	6,480	237	3.65	6,428	235	1,650
Mo.	813	4,950	208	4.20	4,024	169	4,400
N. Dak.	345	5,100	184	3.60	1,760	63	2,800
S. Dak.	300	4,840	169	3.50	1,452	51	1,600
Nebr.	405	5,560	203	3.65	2,252	82	2,300
Kans.	419	5,310	199	3.75	2,225	83	2,000
W. N. Cent.	4,664	5,946	219	3.69	27,732	1,023	15,330
Del.	32	6,150	234	3.80	197	7	50
Md.	234	6,630	252	3.80	1,551	59	580
Va.	384	5,480	219	4.00	2,104	84	8,400
W. Va.	180	4,450	176	3.95	801	32	4,600
N. C.	358	5,000	202	4.05	1,790	72	13,500
S. C.	151	4,230	173	4.10	639	26	4,400
Ga.	299	4,150	170	4.10	1,241	51	10,000
Fla.	205	5,370	226	4.20	1,101	46	720
S. Atl.	1,843	5,113	205	4.00	9,424	377	42,250
Ky.	582	4,580	192	4.20	2,666	112	6,300
Tenn.	616	4,090	178	4.35	2,519	110	10,100
Ala.	332	3,500	150	4.30	1,162	50	13,000
Miss.	505	3,060	133	4.35	1,545	67	10,400
Ark.	315	3,750	161	4.30	1,181	51	6,100
La.	297	2,930	125	4.25	870	37	2,200
Okla.	363	4,460	174	3.90	1,619	63	3,600
Tex.	728	4,170	169	4.05	3,036	123	8,300
S. Cent.	3,738	3,905	164	4.20	14,598	613	60,000
Mont.	93	5,420	195	3.60	504	18	970
Idaho.....	212	7,200	263	3.65	1,526	55	550
Wyo.	37	5,460	194	3.55	202	7	450
Colo.	146	6,140	224	3.65	896	33	830
N. Mex.	45	4,880	188	3.85	220	8	350
Ariz.	50	7,850	287	3.65	392	14	120
Utah.....	100	7,410	270	3.65	741	27	280
Nev.	14	6,500	231	3.55	91	3	80
Wash.	254	7,330	301	4.10	1,862	76	1,040
Oreg.	183	6,200	270	4.35	1,135	49	850
Calif.	868	8,880	333	3.75	7,708	289	900
West.	2,002	7,631	290	3.80	15,277	580	6,420
U. S.	20,510	6,162	235	3.81	126,381	4,812	136,570

^{1/} Preliminary.^{2/} Average number on farms during year excluding heifers not yet fresh.^{3/} Excludes milk sucked by calves.

Table 7.-Milk used and marketed by farmers, by States, 1957 ^{1/}

[In millions of pounds]

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailled by farmers as milk and cream ^{2/}	Total
					As whole milk	As farm-skimmed cream		
Me.	11	47	39	97	540	4	51	595
N. H.	6	21	6	33	309	-	28	337
Vt.	32	36	6	74	1,662	3	27	1,692
Mass.	12	26	3	41	676	-	75	751
R. I.	2	3	-	5	112	-	11	123
Conn.	13	22	3	38	651	-	51	702
N. Y.	202	220	23	445	9,015	42	163	9,220
N. J.	17	24	3	44	1,019	-	66	1,085
Pa.	116	293	53	462	5,800	120	80	6,000
N. Atl.	411	692	136	1,239	19,784	169	552	20,505
Ohio.	124	283	43	450	4,989	150	38	5,177
Ind.	73	202	20	295	3,280	255	18	3,553
Ill.	111	240	34	385	4,453	400	45	4,898
Mich.	152	239	28	419	4,637	350	30	5,017
Wis.	575	355	9	939	16,353	90	30	16,473
E. N. Cent.	1,035	1,319	134	2,488	33,712	1,245	161	35,118
Minn.	202	263	13	478	7,555	1,530	28	9,113
Iowa.	174	297	37	508	2,845	3,040	35	5,920
Mo.	89	349	88	526	2,990	460	48	3,498
N. Dak.	56	102	63	221	155	1,368	16	1,539
S. Dak.	46	92	37	175	319	944	14	1,277
Nebr.	72	144	52	268	600	1,362	22	1,984
Kans.	78	164	44	286	1,359	530	50	1,939
W. N. Cent.	717	1,411	334	2,462	15,823	9,234	213	25,270
Del.	3	9	1	13	179	-	5	184
Md.	23	64	13	100	1,412	4	35	1,451
Va.	48	266	168	482	1,446	123	53	1,622
W. Va.	20	180	92	292	384	80	45	509
N. C.	32	396	258	686	1,042	7	55	1,104
S. C.	9	121	84	214	411	1	13	425
Ga.	19	229	191	439	732	2	68	802
Fla.	7	35	14	56	994	-	51	1,045
S. Atl.	161	1,300	821	2,282	6,600	217	325	7,142
Ky.	49	360	123	532	1,939	125	70	2,134
Tenn.	42	363	193	598	1,841	40	40	1,921
Ala.	20	283	248	551	560	6	45	611
Miss.	22	293	199	514	985	9	37	1,031
Ark.	17	173	117	307	787	50	37	874
La.	10	158	42	210	646	1	13	660
Okla.	40	162	74	276	891	409	43	1,343
Tex.	43	367	162	572	2,329	50	85	2,464
S. Cent.	243	2,159	1,158	3,560	9,978	690	370	11,038
Mont.	18	50	21	89	235	168	12	415
Idaho.	50	76	12	138	1,318	50	20	1,388
Wyo.	7	25	10	42	110	44	6	160
Colo.	36	69	19	124	565	185	22	772
N. Mex.	7	28	7	42	159	6	13	178
Ariz.	10	17	3	30	353	1	8	362
Utah.	21	40	6	67	654	16	4	674
Nev.	3	4	2	9	71	10	1	82
Wash.	62	109	21	192	1,547	80	43	1,670
Oreg.	39	87	16	142	869	92	32	993
Calif.	148	118	19	285	6,850	29	544	7,423
West.	401	623	136	1,160	12,731	681	705	14,117
U. S.	2,968	7,504	2,719	13,191	98,628	12,236	2,326	113,190

^{1/} Preliminary.^{2/} Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 8.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1957 1/

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity butter-fat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me.	540	5.44	29,376	160	63	101	24	23.1	5,544
N. H.	309	5.54	17,119	-	-	-	13	24.3	3,159
Vt.	1,662	4.83	80,275	120	63	76	13	21.5	2,795
Mass.	676	5.89	39,816	-	-	-	35	24.5	8,575
R. I.	112	6.39	7,157	-	-	-	5	24.6	1,230
Conn.	651	6.12	39,841	-	-	-	24	25.8	6,192
N. Y.	9,015	4.57	411,986	1,520	53	806	76	19.0	14,440
N. J.	1,019	5.57	56,758	-	-	-	31	24.8	7,688
Pa.	5,800	4.92	285,360	4,460	55	2,453	37	21.8	8,066
N. Atl.	19,784	4.89	967,688	6,260	54.9	3,436	258	22.4	57,689
Ohio.	4,989	4.30	214,527	5,860	52	3,047	18	22.1	3,978
Ind.	3,280	3.90	127,920	9,970	51	5,085	8	21.2	1,696
Ill.	4,453	3.57	158,972	14,880	51	7,589	21	19.6	4,116
Mich.	4,637	4.04	187,335	13,160	62	8,159	14	20.7	2,898
Wis.	16,353	3.37	551,096	3,320	62	2,058	14	20.3	2,842
E. N. Cent. ...	33,712	3.68	1,239,850	47,190	55.0	25,938	75	20.7	15,530
Minn.	7,555	3.21	242,516	53,550	65	34,808	13	18.3	2,379
Iowa.	2,845	3.46	98,437	112,180	63	70,673	16	19.3	3,088
Mo.	2,990	3.74	111,826	18,630	51	9,501	22	17.5	3,850
N. Dak.	155	3.72	5,766	49,930	61	30,457	7	18.2	1,274
S. Dak.	319	3.78	12,058	33,230	59	19,606	7	19.8	1,386
Nebr.	600	4.20	25,200	49,300	59	29,087	10	20.8	2,080
Kans.	1,359	3.90	53,001	19,720	54	10,649	23	19.7	4,531
W. N. Cent. ...	15,823	3.47	548,804	336,540	60.8	204,781	98	19.0	18,585
Del.	179	4.85	8,682	-	-	-	2	22.0	440
Md.	1,412	4.91	69,329	150	48	72	16	22.4	3,584
Va.	1,446	5.02	72,589	4,980	47	2,341	25	22.2	5,550
W. Va.	384	4.82	18,509	3,220	49	1,578	21	20.5	4,305
N. C.	1,042	5.47	56,997	290	52	151	26	21.2	5,512
S. C.	411	5.50	22,605	40	53	21	6	22.1	1,326
Ga.	732	5.85	42,822	80	51	41	32	23.8	7,616
Fla.	994	6.85	68,089	-	-	-	24	23.0	5,520
S. Atl.	6,600	5.45	359,622	8,760	48.0	4,204	152	22.3	33,853
Ky.	1,939	3.82	74,070	5,150	45	2,318	33	20.2	6,665
Tenn.	1,841	4.02	74,008	1,680	47	790	19	19.0	3,610
Ala.	560	5.45	30,520	250	52	130	21	19.8	4,158
Miss.	985	4.50	44,325	380	48	182	17	20.6	3,502
Ark.	787	4.23	33,290	2,100	51	1,071	17	19.1	3,247
La.	646	5.63	36,370	40	51	20	6	23.2	1,392
Okla.	891	4.56	40,630	16,360	53	8,671	20	20.1	4,020
Tex.	2,329	5.56	129,492	2,080	50	1,040	40	22.4	8,960
S. Cent.	9,978	4.64	462,705	28,040	50.7	14,222	173	20.6	35,555
Mont.	235	4.41	10,364	6,250	63	3,938	6	21.2	1,272
Idaho.	1,318	3.53	46,525	1,880	58	1,090	9	20.4	1,836
Wyo.	110	4.06	4,466	1,590	61	970	3	20.2	606
Colo.	565	4.83	27,290	6,700	59	3,953	10	23.7	2,370
N. Mex.	159	5.61	8,920	230	58	133	6	22.9	1,374
Ariz.	353	5.40	19,062	40	58	23	4	22.2	888
Utah.	654	4.16	27,206	600	58	348	2	18.8	376
Nev.	71	5.00	3,550	360	65	234	-	-	-
Wash.	1,547	4.79	74,101	3,260	56	1,826	20	22.7	4,540
Oreg.	869	4.74	41,191	3,980	61	2,428	15	22.6	3,390
Calif.	6,850	4.41	302,085	1,130	64	723	253	21.0	53,130
West.	12,731	4.44	564,760	26,020	60.2	15,666	328	21.3	69,782
U. S.	98,628	4.20	4,143,429	452,810	59.2	268,247	1,084	21.3	230,997

1/ Preliminary.

Table 9.-Farm marketings, income, and value of dairy products, by States, 1957 ^{1/}

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products ^{4/}	Farm value of milk produced ^{5/}
	Milk utilized	Average returns ^{2/}		Cash receipts from marketings	Milk utilized	Value ^{3/}		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me.	595	5.89	1.45	35,021	86	5,065	40,086	40,759
N. H.	337	6.02	1.56	20,278	27	1,625	21,903	22,274
Vt.	1,692	4.91	1.23	83,146	42	2,062	85,208	86,711
Mass.	751	6.44	1.69	48,391	29	1,868	50,259	51,005
R. I.	123	6.82	1.77	8,387	3	205	8,592	8,730
Conn.	702	6.56	1.75	46,033	25	1,640	47,673	48,544
N. Y.	9,220	4.63	1.29	427,232	243	11,251	438,483	447,490
N. J.	1,085	5.94	1.58	64,446	27	1,604	66,050	67,063
Pa.	6,000	4.93	1.30	295,879	346	17,058	312,937	318,577
N. Atl.	20,505	5.02	1.35	1,028,813	828	42,378	1,071,191	1,091,153
Ohio.	5,177	4.28	1.11	221,552	326	13,953	235,505	240,836
Ind.	3,553	3.79	.96	134,701	222	8,414	143,115	145,839
Ill.	4,898	3.48	.93	170,677	274	9,535	180,212	183,848
Mich.	5,017	3.95	1.05	198,392	267	10,546	208,938	214,722
Wis.	16,473	3.38	.93	555,996	364	12,303	568,299	588,526
E. N. Cent.	35,118	3.65	.98	1,281,318	1,453	54,751	1,336,069	1,373,771
Minn.	9,113	3.07	.86	279,703	276	8,473	288,176	294,444
Iowa.	5,920	2.91	.80	172,198	334	9,719	181,917	187,055
Mo.	3,498	3.58	.85	125,177	437	15,645	140,822	144,059
N. Dak.	1,539	2.44	.68	37,497	165	4,026	41,523	42,944
S. Dak.	1,277	2.59	.74	33,050	129	3,341	36,391	37,607
Nebr.	1,984	2.84	.78	56,367	196	5,566	61,933	63,957
Kans.	1,939	3.52	.94	68,181	208	7,322	75,503	78,320
W. N. Cent.	25,270	3.06	.83	772,173	1,745	54,092	826,265	848,386
Del.	184	4.96	1.31	9,122	10	496	9,618	9,771
Md.	1,451	5.03	1.32	72,985	77	3,873	76,858	78,015
Va.	1,622	4.96	1.24	80,480	434	21,526	102,006	104,358
W. Va.	509	4.79	1.21	24,392	272	13,029	37,421	38,368
N. C.	1,104	5.68	1.40	62,660	654	37,147	99,807	101,672
S. C.	425	5.64	1.38	23,952	205	11,562	35,514	36,040
Ga.	802	6.29	1.53	50,479	420	26,418	76,897	78,059
Fla.	1,045	7.04	1.68	73,609	49	3,450	77,059	77,510
S. Atl.	7,142	5.57	1.39	397,679	2,121	117,501	515,180	523,793
Ky.	2,134	3.89	.93	83,054	483	18,789	101,843	103,707
Tenn.	1,921	4.08	.94	78,408	556	22,685	101,093	102,775
Ala.	611	5.70	1.33	34,808	531	30,267	65,075	66,234
Miss.	1,031	4.66	1.07	48,009	492	22,927	70,936	71,997
Ark.	874	4.30	1.00	37,608	290	12,470	50,078	50,783
La.	660	5.72	1.35	37,782	200	11,440	49,222	49,764
Okla.	1,343	3.97	1.02	53,321	236	9,369	62,690	64,274
Tex.	2,464	5.66	1.40	139,492	529	29,941	169,433	171,838
S. Cent.	11,038	4.64	1.10	512,482	3,317	157,888	670,370	681,372
Mont.	415	3.75	1.04	15,574	71	2,662	18,236	18,900
Idaho.	1,388	3.56	.98	49,451	88	3,133	52,584	54,326
Wyo.	160	3.78	1.06	6,042	35	1,323	7,365	7,636
Colo.	772	4.35	1.19	33,613	88	3,828	37,441	38,976
N. Mex.	178	5.86	1.52	10,427	35	2,051	12,478	12,892
Ariz.	362	5.52	1.51	19,973	20	1,104	21,077	21,638
Utah.	674	4.14	1.13	27,930	46	1,904	29,834	30,677
Nev.	82	4.61	1.30	3,784	6	277	4,061	4,195
Wash.	1,670	4.82	1.18	80,467	130	6,266	86,733	89,748
Oreg.	993	4.73	1.09	47,009	103	4,872	51,881	53,686
Calif.	7,423	4.80	1.28	355,938	137	6,576	362,514	369,984
West.	14,117	4.61	1.21	650,208	759	33,996	684,204	702,658
U. S.	113,190	4.10	1.08	4,642,673	10,223	460,606	5,103,279	5,221,133

^{1/} Preliminary. ^{2/} Cash receipts divided by milk or milkfat represented in combined marketings.^{3/} Computed at average returns per 100 pounds for milk in products marketed.^{4/} Cash receipts from marketings of milk and cream plus value of milk used for farm consumption and farm butter churned. ^{5/} Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 10.—Milk cows and production of milk, milkfat, and butter on farms, by States, 1956

State and division	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in milk	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me.	112	6,150	249	4.05	689	28	2,000
N. H.	61	6,180	238	3.85	377	15	340
Vt.	282	6,250	250	4.00	1,762	70	300
Mass.	113	7,250	276	3.80	819	31	140
R. I.	17	7,750	298	3.85	132	5	10
Conn.	107	7,020	263	3.75	751	28	160
N. Y.	1,365	7,350	265	3.60	10,033	361	1,200
N. J.	146	7,910	297	3.75	1,155	43	130
Pa.	943	6,860	261	3.80	6,469	246	2,600
N. Atl.	3,146	7,052	263	3.73	22,187	827	6,880
Ohio.....	843	6,750	260	3.85	5,690	219	2,200
Ind.	570	6,720	265	3.95	3,830	151	1,200
Ill.	780	6,700	251	3.75	5,226	196	1,650
Mich.	800	6,820	256	3.75	5,456	205	1,450
Wis.	2,293	7,380	269	3.65	16,922	618	400
E. N. Cent.	5,286	7,023	263	3.74	37,124	1,389	6,900
Minn.	1,386	6,760	240	3.55	9,369	333	630
Iowa.....	1,004	6,280	232	3.70	6,305	233	1,700
Mo.	847	4,910	206	4.20	4,159	175	5,200
N. Dak.	362	4,970	181	3.65	1,799	66	3,100
S. Dak.	299	4,720	168	3.55	1,411	50	1,650
Nebr.	418	5,410	197	3.65	2,261	83	2,700
Kans.	443	5,140	195	3.80	2,277	87	2,200
W. N. Cent.	4,759	5,796	216	3.72	27,581	1,027	17,180
Del.	33	6,000	228	3.80	198	8	60
Md.	236	6,500	247	3.80	1,534	58	640
Va.	388	5,290	214	4.05	2,053	83	9,100
W. Va.	186	4,380	180	4.10	815	33	5,200
N. C.	355	4,850	199	4.10	1,722	71	14,500
S. C.	149	4,180	171	4.10	623	26	4,700
Ga.	305	4,020	165	4.10	1,226	50	10,700
Fla.	190	5,250	220	4.20	998	42	770
S. Atl.	1,842	4,978	201	4.05	9,169	371	45,670
Ky.	591	4,420	190	4.30	2,612	112	7,200
Tenn.	628	3,970	175	4.40	2,493	110	10,900
Ala.	344	3,500	152	4.35	1,204	52	14,200
Miss.	515	2,980	131	4.40	1,535	68	11,100
Ark.	339	3,630	156	4.30	1,231	53	7,000
La.	299	2,800	120	4.30	837	36	2,300
Okla.	385	4,350	172	3.95	1,675	66	3,900
Tex.	758	3,970	161	4.05	3,009	122	8,700
S. Cent.	3,859	3,782	160	4.24	14,596	619	65,300
Mont.	97	5,260	195	3.70	510	19	1,030
Idaho.....	215	7,050	271	3.85	1,516	58	570
Wyo.	39	5,380	191	3.55	210	7	450
Colo.	148	6,000	219	3.65	888	32	900
N. Mex.	46	4,750	183	3.85	218	8	390
Ariz.	48	7,550	276	3.65	362	13	140
Utah.....	100	7,170	262	3.65	717	26	310
Nev.	14	6,450	232	3.60	90	3	90
Wash.	258	7,000	290	4.15	1,806	75	1,150
Oreg.	188	6,150	268	4.35	1,156	50	950
Calif.	855	8,590	326	3.80	7,344	279	1,000
West.	2,008	7,379	284	3.85	14,817	570	6,980
U. S.	20,900	6,004	230	3.83	125,474	4,803	148,910

1/ Average number on farms during year excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

Table 11.-Milk used and marketed by farmers, by States, 1956

[In millions of pounds]

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailled by farmers as milk and cream 1/	Total
					As whole milk	As farm-skimmed cream		
Me.	11	50	41	102	530	4	53	587
N. H.	6	23	7	36	312	-	29	341
Vt.	32	40	6	78	1,653	3	28	1,684
Mass.	12	30	3	45	694	-	80	774
R. I.	2	3	-	5	116	-	11	127
Conn.	14	24	3	41	656	-	54	710
N. Y.	225	250	27	502	9,319	47	165	9,531
N. J.	17	26	3	46	1,040	-	69	1,109
Pa.	120	317	57	494	5,760	125	90	5,975
N. Atl.	439	763	147	1,349	20,080	179	579	20,838
Ohio.....	134	305	45	484	4,988	175	43	5,206
Ind.	77	227	25	329	3,195	285	21	3,501
Ill.	115	272	36	423	4,313	440	50	4,803
Mich.	186	269	32	487	4,557	380	32	4,969
Wis.	626	379	9	1,014	15,773	100	35	15,908
E. N. Cent.	1,138	1,452	147	2,737	32,826	1,380	181	34,387
Minn.	204	287	15	506	6,826	2,007	30	8,863
Iowa.....	189	312	38	539	2,448	3,278	40	5,766
Mo.	95	365	104	564	2,993	550	52	3,595
N. Dak.	63	108	70	241	157	1,385	16	1,558
S. Dak.	49	100	38	187	259	950	15	1,224
Nebr.	76	154	61	291	530	1,415	25	1,970
Kans.	87	183	49	319	1,302	600	56	1,958
W. N. Cent.	763	1,509	375	2,647	14,515	10,185	234	24,934
Del.	3	10	1	14	179	-	5	184
Md.	25	69	14	108	1,387	4	35	1,426
Va.	51	270	182	503	1,367	128	55	1,550
W. Va.	22	185	104	311	371	83	50	504
N. C.	33	408	277	718	937	7	60	1,004
S. C.	9	130	90	229	378	1	15	394
Ga.	20	235	204	459	695	2	70	767
Fla.	8	36	15	59	885	-	54	939
S. Atl.	171	1,343	887	2,401	6,199	225	344	6,768
Ky.	50	383	140	573	1,814	150	75	2,039
Tenn.	42	380	208	630	1,773	45	45	1,863
Ala.	19	315	271	605	544	7	48	599
Miss.	21	317	212	550	934	11	40	985
Ark.	17	190	134	341	764	86	40	890
La.	10	167	44	221	600	1	15	616
Okla.	42	193	80	315	900	415	45	1,360
Tex.	45	408	170	623	2,226	60	100	2,386
S. Cent.	246	2,353	1,259	3,858	9,555	775	408	10,738
Mont.	18	54	23	95	230	170	15	415
Idaho.....	50	81	12	143	1,292	60	21	1,373
Wyo.	7	27	10	44	110	50	6	166
Colo.	36	74	20	130	544	190	24	758
N. Mex.	7	30	8	45	150	8	15	173
Ariz.	9	17	3	29	322	1	10	333
Utah.....	21	44	7	72	624	17	4	645
Nev.	3	4	2	9	68	11	2	81
Wash.	63	115	23	201	1,469	91	45	1,605
Oreg.	43	92	18	153	868	100	35	1,003
Calif.	152	119	22	293	6,510	36	505	7,051
West.	409	657	148	1,214	12,187	734	682	13,603
U. S.	3,166	8,077	2,963	14,206	95,362	13,478	2,428	111,268

1/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 12.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1956

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity butter-fat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me.	530	5.13	27,189	160	63	101	25	22.1	5,525
N. H.	312	5.26	16,411	-	-	-	13	23.2	3,016
Vt.	1,653	4.62	76,369	120	63	76	13	20.8	2,704
Mass.	694	5.64	39,142	-	-	-	37	23.1	8,547
R. I.	116	6.23	7,227	-	-	-	5	24.2	1,210
Conn.	656	5.90	38,704	-	-	-	25	24.9	6,225
N. Y.	9,319	4.22	393,262	1,700	53	901	77	19.5	15,015
N. J.	1,040	5.20	54,080	-	-	-	32	23.7	7,584
Pa.	5,760	4.61	265,536	4,650	52	2,418	42	21.4	8,988
N. Atl.	20,080	4.57	917,920	6,630	52.7	3,496	269	21.9	58,814
Ohio.....	4,988	4.27	212,988	6,840	51	3,488	20	21.4	4,280
Ind.	3,195	3.98	127,161	11,140	51	5,681	10	20.7	2,070
Ill.	4,313	3.64	156,993	16,370	52	8,512	23	19.7	4,531
Mich.	4,557	4.06	185,014	14,290	62	8,860	15	20.4	3,060
Wis.	15,773	3.36	529,973	3,690	61	2,251	16	19.8	3,168
E. N. Cent. .	32,826	3.69	1,212,129	52,330	55.0	28,792	84	20.4	17,109
Minn.	6,826	3.19	217,749	70,240	64	44,954	14	18.2	2,548
Iowa.....	2,448	3.43	83,966	120,960	64	77,414	19	19.2	3,648
Mo.	2,993	3.83	114,632	22,280	51	11,363	24	18.1	4,344
N. Dak.	157	3.72	5,840	50,550	62	31,341	7	18.0	1,260
S. Dak.	259	3.80	9,842	33,440	60	20,064	7	19.1	1,337
Nebr.	530	4.20	22,260	51,220	58	29,708	12	20.0	2,400
Kans.	1,302	3.83	49,867	22,320	53	11,830	26	19.2	4,992
W. N. Cent. .	14,515	3.47	504,156	371,010	61.1	226,674	109	18.8	20,529
Del.	179	4.55	8,114	-	-	-	2	22.0	440
Md.	1,387	4.71	65,328	150	47	70	16	22.2	3,552
Va.	1,367	4.98	68,077	5,180	46	2,383	26	21.7	5,642
W. Va.	371	4.79	17,771	3,340	48	1,603	23	20.7	4,761
N. C.	937	5.52	51,722	290	51	148	28	21.4	5,992
S. C.	378	5.47	20,677	40	52	21	7	21.5	1,505
Ga.	695	5.88	40,866	80	52	42	33	23.5	7,755
Fla.	885	6.68	59,118	-	-	-	25	22.3	5,575
S. Atl.	6,199	5.35	331,703	9,080	47.0	4,267	160	22.0	35,222
Ky.	1,814	3.87	70,202	6,180	45	2,781	35	19.9	6,965
Tenn.	1,773	4.07	72,161	1,890	46	869	21	18.6	3,906
Ala.	544	5.36	29,158	290	51	148	22	19.7	4,334
Miss.	934	4.47	41,750	460	47	216	19	20.7	3,933
Ark.	764	4.26	32,546	3,610	50	1,805	19	18.9	3,591
La.	600	5.71	34,260	40	51	20	7	22.7	1,589
Okla.	900	4.55	40,950	16,600	53	8,798	21	20.0	4,200
Tex.	2,226	5.75	127,995	2,490	50	1,245	47	22.0	10,340
S. Cent.	9,555	4.70	449,022	31,560	50.3	15,882	191	20.3	38,858
Mont.	230	4.37	10,051	6,320	63	3,982	7	21.0	1,470
Idaho.....	1,292	3.51	45,349	2,260	57	1,288	10	19.5	1,950
Wyo.	110	3.96	4,356	1,810	62	1,122	3	20.1	603
Colo.	544	4.69	25,514	6,880	59	4,059	11	23.3	2,563
N. Mex.	150	5.52	8,280	310	57	177	7	23.1	1,617
Ariz.	322	5.59	18,000	40	58	23	5	21.2	1,060
Utah.....	624	4.11	25,646	630	58	365	2	18.3	366
Nev.	68	4.85	3,298	390	64	250	1	19.0	190
Wash.	1,469	4.62	67,868	3,710	56	2,078	21	22.4	4,704
Oreg.	868	4.62	40,102	4,330	61	2,641	16	22.1	3,536
Calif.	6,510	4.33	281,883	1,400	63	882	235	20.7	48,645
West.	12,187	4.35	530,347	28,080	60.1	16,867	318	21.0	66,704
U. S.	95,362	4.14	3,945,277	498,690	59.4	295,978	1,131	21.0	237,236

Table 13.-Farm marketings, income, and value of dairy products, by States, 1956

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products ^{3/}	Farm value of milk produced ^{4/}
	Milk utilized	Average returns ^{1/}		Cash receipts from marketings	Milk utilized	Value ^{2/}		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me.	587	5.59	1.38	32,815	91	5,087	37,902	38,515
N. H.	341	5.70	1.48	19,427	30	1,710	21,137	21,489
Vt.	1,684	4.70	1.18	79,149	46	2,162	81,311	82,814
Mass.	774	6.16	1.62	47,689	33	2,033	49,722	50,450
R. I.	127	6.64	1.72	8,437	3	199	8,636	8,765
Conn.	710	6.33	1.69	44,929	27	1,709	46,638	47,538
N. Y.	9,531	4.29	1.19	409,178	277	11,883	421,061	430,416
N. J.	1,109	5.56	1.48	61,664	29	1,612	63,276	64,218
Pa.	5,975	4.64	1.22	276,942	374	17,354	294,296	300,162
N. Atl.	20,838	4.70	1.26	980,230	910	43,749	1,023,979	1,044,367
Ohio.	5,206	4.24	1.10	220,756	350	14,840	235,596	241,256
Ind.	3,501	3.85	.97	134,912	252	9,702	144,614	147,455
Ill.	4,803	3.54	.94	170,036	308	10,903	180,939	185,000
Mich.	4,969	3.96	1.06	196,934	301	11,920	208,854	216,058
Wis.	15,908	3.37	.92	535,392	388	13,076	548,468	570,271
E. N. Cent.	34,387	3.66	.98	1,258,030	1,599	60,441	1,318,471	1,360,040
Minn.	8,863	2.99	.84	265,251	302	9,030	274,281	280,133
Iowa.	5,766	2.86	.77	165,028	350	10,010	175,038	180,323
Mo.	3,595	3.63	.86	130,339	469	17,025	147,364	150,972
N. Dak.	1,558	2.47	.68	38,441	178	4,397	42,838	44,435
S. Dak.	1,224	2.55	.72	31,243	138	3,519	34,762	35,980
Nebr.	1,970	2.76	.76	54,368	215	5,934	60,302	62,404
Kans.	1,958	3.41	.90	66,689	232	7,911	74,600	77,646
W. N. Cent.	24,934	3.01	.81	751,359	1,884	57,826	809,185	831,893
Del.	184	4.67	1.23	8,584	11	514	9,098	9,247
Md.	1,426	4.84	1.27	68,950	83	4,017	72,967	74,246
Va.	1,550	4.91	1.21	76,102	452	22,193	98,295	100,802
W. Va.	504	4.79	1.17	24,135	289	13,843	37,978	39,038
N. C.	1,004	5.76	1.40	57,862	685	39,456	97,318	99,187
S. C.	394	5.64	1.38	22,203	220	12,408	34,611	35,137
Ga.	767	6.34	1.55	48,663	439	27,833	76,496	77,728
Fla.	939	6.89	1.64	64,693	51	3,514	68,207	68,762
S. Atl.	6,768	5.48	1.35	371,192	2,230	123,778	494,970	504,117
Ky.	2,039	3.92	.91	79,948	523	20,502	100,450	102,390
Tenn.	1,863	4.13	.94	76,936	588	24,284	101,220	102,961
Ala.	599	5.62	1.29	33,640	586	32,933	66,573	67,665
Miss.	985	4.66	1.06	45,899	529	24,651	70,550	71,531
Ark.	890	4.26	.99	37,944	324	13,802	51,744	52,441
La.	616	5.82	1.35	35,869	211	12,280	48,149	48,713
Okla.	1,360	3.97	1.01	53,948	273	10,838	64,786	66,498
Tex.	2,386	5.85	1.44	139,580	578	33,813	173,393	176,026
S. Cent.	10,738	4.69	1.11	503,762	3,612	173,103	676,865	688,225
Mont.	415	3.74	1.01	15,503	77	2,880	18,383	19,074
Idaho.	1,373	3.54	.92	48,587	93	3,292	51,879	53,666
Wyo.	166	3.66	1.03	6,081	37	1,354	7,435	7,686
Colo.	758	4.24	1.16	32,136	94	3,986	36,122	37,651
N. Mex.	173	5.82	1.51	10,074	38	2,212	12,286	12,688
Ariz.	333	5.73	1.57	19,083	20	1,146	20,229	20,743
Utah.	645	4.09	1.12	26,377	51	2,086	28,463	29,325
Nev.	81	4.61	1.28	3,738	6	277	4,015	4,149
Wash.	1,605	4.65	1.12	74,650	138	6,417	81,067	83,979
Oreg.	1,003	4.61	1.06	46,279	110	5,071	51,350	53,292
Calif.	7,051	4.70	1.24	331,410	141	6,627	338,037	345,168
West.	13,603	4.51	1.17	613,918	805	35,348	649,266	667,421
U. S.	111,268	4.02	1.05	4,478,491	11,040	494,245	4,972,736	5,096,093

^{1/} Cash receipts divided by milk or milkfat represented in combined marketings.^{2/} Computed at average returns per 100 pounds for milk in products marketed.^{3/} Cash receipts from marketings of milk and cream plus value of milk used for farm consumption and farm butter churned.^{4/} Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 14.—Milk production on farms, United States, by months, 1929-57 ^{1/}

[In millions of pounds]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1929.....	7,187	6,860	8,067	8,543	10,047	10,562	10,027	8,800	7,642	7,335	6,811	7,107	98,988
1930.....	7,371	7,051	8,253	8,723	10,386	10,766	9,725	8,413	7,522	7,466	7,091	7,391	100,158
1931.....	7,798	7,417	8,519	9,048	10,580	10,683	9,663	8,643	7,798	7,737	7,427	7,716	103,029
1932.....	7,951	7,784	8,625	8,854	10,504	10,701	9,777	8,739	7,974	7,810	7,369	7,722	103,810
1933.....	7,983	7,532	8,580	8,989	10,665	10,675	9,973	9,167	8,192	7,941	7,417	7,648	104,762
1934.....	7,652	7,144	8,272	8,760	10,182	10,477	9,796	9,004	8,160	7,835	7,185	7,154	101,621
1935.....	7,084	6,690	7,823	8,440	10,222	10,991	10,384	9,402	8,258	7,702	7,003	7,206	101,205
1936.....	7,292	7,159	8,244	8,807	10,507	10,948	9,893	8,695	8,049	8,090	7,322	7,404	102,410
1937.....	7,388	6,899	8,041	8,560	10,466	10,955	10,323	9,192	8,071	7,735	6,981	7,297	101,908
1938.....	7,438	7,089	8,443	9,120	10,881	11,226	10,581	9,545	8,445	8,073	7,396	7,570	105,807
1939.....	7,807	7,411	8,725	9,195	10,903	11,277	10,498	9,515	8,394	7,945	7,433	7,689	106,792
1940.....	7,670	7,631	8,796	9,377	11,276	11,678	10,845	9,919	8,822	8,269	7,427	7,702	109,412
1941.....	8,122	7,855	9,174	10,050	12,182	12,042	11,372	10,455	9,238	8,684	7,798	8,116	115,088
1942.....	8,451	8,149	9,539	10,504	12,600	12,555	11,853	10,902	9,414	8,629	7,790	8,147	118,533
1943.....	8,458	8,210	9,637	10,359	12,303	12,654	11,848	10,608	9,111	8,425	7,560	7,844	117,017
1944.....	8,358	8,438	9,592	10,189	12,272	12,333	11,594	10,410	9,223	8,646	7,821	8,147	117,023
1945.....	8,517	8,243	9,814	10,718	12,696	12,907	12,194	11,010	9,428	8,719	7,718	7,864	119,828
1946.....	8,202	8,029	9,603	10,595	12,577	12,489	11,613	10,756	9,296	8,632	7,698	8,007	117,697
1947.....	8,418	8,231	9,787	10,508	12,491	12,631	11,930	10,454	8,998	8,445	7,374	7,547	115,814
1948.....	7,842	7,856	9,155	9,999	11,997	11,986	11,246	10,248	8,898	8,306	7,432	7,706	112,671
1949.....	8,096	7,938	9,587	10,469	12,326	12,116	11,279	10,548	9,222	8,624	7,806	8,092	116,103
1950.....	8,378	8,199	9,785	10,387	12,034	12,138	11,497	10,570	9,184	8,658	7,800	7,972	116,602
1951.....	8,277	8,077	9,570	10,149	12,063	12,096	11,366	10,443	9,005	8,410	7,508	7,717	114,681
1952.....	8,105	8,118	9,333	10,103	12,066	11,817	11,017	10,205	9,106	8,589	7,858	8,352	114,671
1953.....	8,732	8,510	10,123	10,847	12,482	12,322	11,433	10,517	9,222	8,813	8,316	8,904	120,221
1954.....	9,248	9,026	10,631	11,159	12,748	12,386	11,303	10,291	9,193	8,915	8,381	8,813	122,094
1955.....	9,153	8,857	10,417	11,082	12,898	12,443	11,395	10,498	9,454	9,192	8,612	9,117	123,128
1956.....	9,602	9,617	10,887	11,292	12,711	12,462	11,509	10,598	9,493	9,335	8,720	9,248	125,474
1957 ^{2/} ...	9,692	9,446	10,939	11,412	13,007	12,518	11,597	10,736	9,538	9,379	8,771	9,346	126,381

^{1/} Estimates based on national indications of milk production and utilization. Subject to revision when data for all individual States become available.^{2/} Preliminary.

Table 15.-Production and utilization of milk, United States, 1948-57

		In millions of pounds									
Source and use		1948	1949	1950	1951	1952	1953	1954	1955	1956	1957 ^{2/}
Milk production:											
On farms.....		112,671	116,103	116,602	114,681	114,671	120,221	122,094	123,128	125,474	126,381
Total ^{1/}		113,671	117,003	117,302	115,181	115,071	120,521	122,294	123,228	125,474	126,381
Utilization (milk equivalent):											
Manufactured in plants:											
Creamery butter, total.....		24,980	29,119	28,641	24,906	24,617	29,421	30,259	28,951	29,613	29,914
From whey cream.....		771	842	838	817	815	932	961	948	987	1,003
Net.....		24,209	28,307	27,803	24,089	23,802	28,489	29,298	28,003	28,626	28,911
Cheese:											
American.....		8,597	9,384	8,972	8,791	8,551	10,239	10,475	10,073	9,936	10,254
Other.....		2,332	2,569	2,883	2,778	3,088	3,104	3,258	3,480	3,788	3,693
Canned milk:											
Evaporated.....		7,271	5,898	6,177	6,221	6,087	5,448	5,397	5,490	5,397	5,224
Sweetened condensed.....		295	234	143	135	124	96	58	78	164	145
Bulk condensed milk:											
Unsweetened.....		483	492	537	558	539	558	599	644	701	708
Sweetened.....		98	102	85	92	102	105	80	90	104	105
Dry whole milk.....		1,293	956	952	999	774	794	718	835	847	740
Frozen dairy products:											
Ice cream and other frozen products ^{2/}		8,223	8,127	8,196	8,489	8,941	9,221	9,150	9,651	9,968	10,051
Duplication of fat from butter and condensed milk ^{3/}		1,501	1,306	1,302	1,488	1,400	1,424	1,404	1,480	1,510	1,525
Net from milk and cream.....		6,722	6,821	6,894	7,001	7,541	7,797	7,746	8,171	8,458	8,526
Other factory products ^{4/}		561	561	724	939	936	967	1,052	1,131	1,218	1,260
Total factory products ^{5/}.....		51,861	55,324	55,170	51,603	51,544	57,597	58,681	57,995	59,239	59,566
Farm butter.....		5,808	5,440	5,160	4,746	4,215	3,876	3,562	3,310	2,963	2,719
Fluid consumption: Farm ^{6/}.....		12,000	11,700	11,300	11,300	11,200	10,500	10,100	10,000	9,900	9,100
Nonfarm.....		40,000	40,600	41,600	42,800	43,700	44,600	46,100	48,200	49,700	51,100
Fed to calves.....		3,064	3,163	3,286	3,449	3,348	3,334	3,344	3,291	3,166	2,968
Exports and storage ^{7/}.....		148	-242	-56	116	79	-141	-45	26	-4	65
Other ^{8/}.....		790	1,018	842	1,167	985	755	552	406	510	863

^{1/} Includes an allowance for milk produced by cows not on farms. ^{2/} Includes ice cream, milk sherbet, ice milk, and miscellaneous minor frozen products. ^{3/} Milk equivalent of butter and condensed milk used in ice cream. ^{4/} Includes dry cream, malted milk, dry part skim milk, dry ice cream mix, and cottage cheese. ^{5/} Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product. ^{6/} Includes an allowance for fluid consumption on farms not producing milk in addition to the consumption on farms where milk is produced shown in table 3. ^{7/} Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year. ^{8/} Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.

^{9/} Preliminary.

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factory manufactured dairy products fluctuated some during the past decade, but has used around 47 percent of the milk production of the country in each of the past 3 years. The amount that went into factory products in 1957 utilized only a slightly smaller proportion of the total milk production than in the previous year, but about 1 percentage point more than average. The percentage of 1957 production utilized in creamery butter, cheese, and frozen dairy products exceeded the 1946-55 average proportion for each of these products, but the total of evaporated, condensed, and dry whole milk and other manufactured products used less than average.